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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. <b>18085-105119 EMU134 DIV4</b>	
		First Inventor <b>Liotta, D.C. et al.</b>	
		Express Mail Label No. <b>EV 330778675 US</b>	
<b>Title</b>	<b>METHOD OF RESOLUTION AND ANTIVIRAL ACTIVITY OF 1,3-OXATHIOLANE NUCLEOSIDE ENANTIOMERS</b>		
<b>Application Elements</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450	
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> <small>(Submit an original, and a duplicate for fee processing)</small></p><p>2. <input type="checkbox"/> <b>Applicant claims small entity status.</b> <small>See 37 CFR 1.27</small></p><p>3. <input checked="" type="checkbox"/> <b>Specification</b> [Total Pages <b>46</b>] <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul></p><p>4. <input checked="" type="checkbox"/> <b>Drawing(s)</b> (35 U.S.C. 113) [Total Pages <b>8</b>]</p><p>5. <b>Oath or Declaration</b> [Total Pages <b>4</b>]<ul style="list-style-type: none"><li>a. <input type="checkbox"/> Newly executed (original or copy)</li><li>b. <input checked="" type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small><ul style="list-style-type: none"><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></li></ul></li></ul></p><p>6. <input type="checkbox"/> <b>Application Data Sheet.</b> See 37 CFR 1.76</p></div><div style="width: 48%;"><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <small>(Appendix)</small></p><p>8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small><ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li><li>b. Specification Sequence Listing on:<ul style="list-style-type: none"><li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>ii. <input type="checkbox"/> paper</li></ul></li><li>c. <input type="checkbox"/> Statement verifying identity of above copies</li></ul></p></div></div>			
<b>ACCOMPANYING APPLICATION PARTS</b>			
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <small>(when there is an assignee)</small> <input type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document <small>(if applicable)</small></p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: Certificate of Mailing.....</p>			
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input checked="" type="checkbox"/> Continuation    <input type="checkbox"/> Divisional    <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No: .....10/073,734</p> <p>Prior application information:    Examiner: .....Lewis, Patrick.....    Group/Art Unit: .....1623.....</p> <p><small>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</small></p>			
<b>19. CORRESPONDENCE ADDRESS</b>			
<div style="display: flex; justify-content: space-between;"><div style="width: 40%;"><input checked="" type="checkbox"/> Customer Number or Bar Code Label <div style="border: 1px solid black; padding: 2px; text-align: center;">20786 <small>(Insert Customer No. or Attach bar code label here)</small></div></div><div style="width: 60%; text-align: right;"><input type="checkbox"/> Correspondence address below</div></div>			
Firm or Individual Name	Sherry M. Knowles ( Registration No. 33,052)		
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City	Atlanta	State	GA
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Name (Print Type): Sherry M. Knowles		Registration No. (Attorney/Agent)	33,052
Signature <i>Sherry Knowles</i> / w/ express permission HMV 47,158		Date	August 20, 2003

16424 U.S. PTO  
10/644293  
08/20/03

11/26/03  
08/20/03  
U.S. PAT. & TM. OFF.

**FREE TRANSMITTAL**

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): Liotta et al.  
Filing Date: August 20, 2003  
Title: METHOD OF RESOLUTION AND ANTIVIRAL ACTIVITY OF 1,3-OXATHIOLANE NUCLEOSIDE ENANTIOMERS

The filing fee is calculated as shown below:

**1. FILING FEE:**

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input checked="" type="checkbox"/> UTILITY FILING FEE	\$370.00		\$750.00	\$750.00
<input type="checkbox"/> DESIGN FILING FEE	\$165.00		\$330.00	
<input type="checkbox"/> PLANT FILING FEE	\$255.00		\$510.00	
<input type="checkbox"/> REISSUE FILING FEE	\$370.00		\$740.00	
<input type="checkbox"/> PROVISIONAL FILING FEE	\$80.00		\$160.00	
SUBTOTAL (1)				\$750.00

**2. CLAIMS:**

27. CLAIMS:

SMALL ENTITY				LARGE ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	3 - 20 =	0	x \$9 =		x \$18 =	\$0
INDEP. CLAIMS	1 - 3 =	0	x \$42 =		x \$84 =	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+\$140 =			+\$280 =
SUBTOTAL (2)						\$0

**3. ADDITIONAL FEES:**

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input type="checkbox"/> LATE FILING, FEE OR OATH	\$65		\$130	
<input type="checkbox"/> NON-ENGLISH SPECIFICATION	\$130		\$130	
<input type="checkbox"/> OTHER				
SUBTOTAL (3)				

**TOTAL FILING FEES:** \$ 750.00

A check is enclosed for the amount: \$ \_\_\_\_\_

☒ Charge any additional fees required under 37 C.F.R. 1.16 or 1.17 to Deposit Account 11-0980.

KING & SPALDING  
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By: Sherry M. Knowles /w/express recording Date: August 20, 2003  
Hwy No 47,158

Sherry M. Knowles

Reg. No. 33,052

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : Continuation of 10/073,734  
Applicant : Dennis C. Liotta, *et al.*  
Filed : August 20, 2003  
TC/A.U. : Unassigned  
Examiner : Unassigned  
Docket No. : 18085.105119 EMU134DIV4  
Customer No. : 20786

Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

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**REQUEST FOR FILING A CONTINUATION APPLICATION UNDER 37 CFR § 1.53(b)**

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Sir:

This is a request by Dennis C. Liotta, Raymond F. Schinazi and Woo-Baeg Choi for filing a Continuation Application under 37 C.F.R. § 1.53(b) of pending prior application U.S. Serial No. 10/073,734, filed on February 11, 2002.

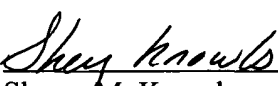
Enclosed is a copy of the prior U.S. patent application no. 10/073,734, filed on February 11, 2002. The application includes thirty-eight pages of Specification, seven pages of Claims, one page of Abstract, and eight sheets of Formal Drawings.

Dennis C. Liotta, Raymond F. Schinazi and Woo-Baeg Choi have assigned their interest in the application to Emory University in an assignment recorded on September 18, 1991, at Reel 5876, Frame 0364. A copy of the recorded assignment is enclosed. Also enclosed are copies of the executed Declarations for Patent Application and Powers of Attorney from a prior application.

A Preliminary Amendment is enclosed. Applicants request entry of the Preliminary Amendment prior to fee calculation.

The Commissioner for Patents is authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 11-0980.

Respectfully submitted,

 *w/express permission*  
Sherry M. Knowles  
Reg. No. 33,052  
*HMV 47,158*

Date: August 20, 2003

Express Mail Label No. EV 330778675 US

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Attorney Docket No. 18085.105119 (EMU134 DIV4)

## UTILITY PATENT APPLICATION FILING

### Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application and Transmittal, along with any documents referred to as attached therein are being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" services under 37 CFR 1.10, Mailing Label Number EV 330778675 US addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 20, 2003.

A handwritten signature in black ink, appearing to read 'H M Vo', is written over a horizontal line.

Hoang M. Vo  
Reg. No. 47,158